

Figure 1. Throughput for a Slotted ALOHA Channel

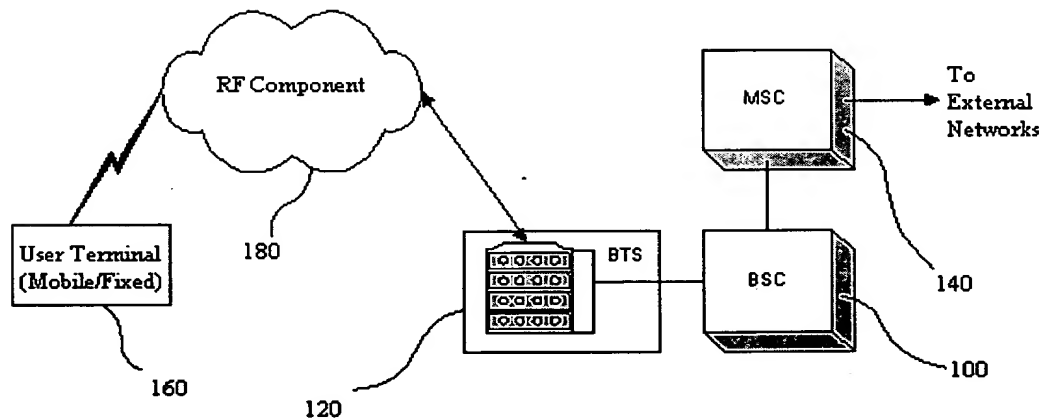


Figure 2. BSC Interfaces

Figure 3 - Level 1 Congestion Control Transition Matrix

	1	2	4	7
1	0.280472	0.186981	0.093491	0
2	0.480472	0.280472	0.140236	0
4	0.740236	0.480472	0.280472	0
7	0.826824	0.653648	0.480472	0

Figure 4 - Comparison of Results

Congestion Control Implemented	Input Rate	Throughput	Mean Delay (ms)	Blocking Probability
NO	0.75	0.182991	2853.925636	0.756001
YES	0.75	0.534169	1013.23703	0.287466

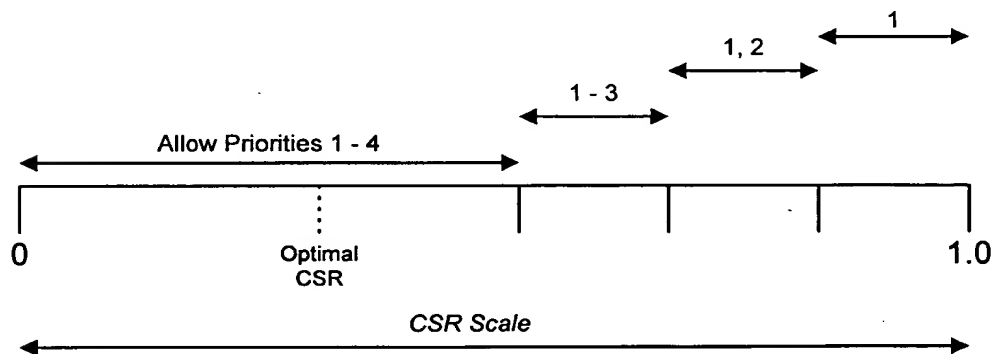


Figure 5. Level 2 Congestion Control

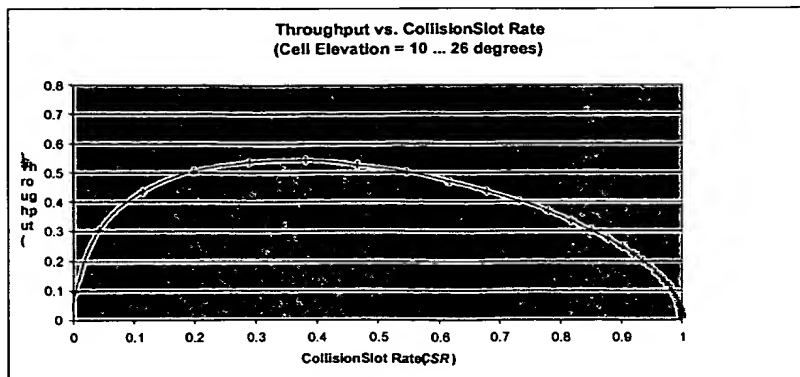


Figure 6 - CSR versus Throughput S

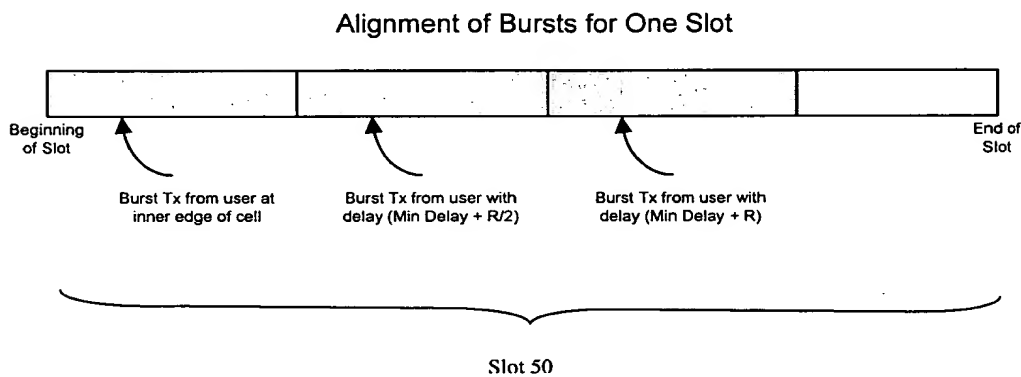


Figure 7 - Burst Alignment within Slotted ALOHA RACH

Figure 8 Congestion Control Process